

# **2011 ANNUAL REPORT**

## **LOWER SAN PITCH RIVER**

### **WATER DISTRIBUTION SYSTEM**

Prepared by:

**David Beck**  
Lower San Pitch Water Commissioner

In Coordination with:

STATE OF UTAH  
OFFICE OF THE STATE ENGINEER  
DIVISION OF WATER RIGHTS

2011

Minutes of the Lower San Pitch River Distribution System  
February 2, 2011

Called to order at 11:00 by Richard Nielson,

Those present; Lee Sim, Mike Silva, Jay Olsen, Danny Boore, Mardell Jensen, Roland Beck, Sherwin Sorensen, Richard Nielson, Kirk Forbush, Terry Monroe, Lee McElprang, Doug Willden, David Beck.

Minutes were read by, David Beck.

Motion to accept the minutes

Made by Richard Nielson  
Seconded by Jay Olsen  
Vote: all present in favor.

Commissioner Report, presented by David Beck

The theme for this year's water supply was enough, extra, too much. Everyone had enough water; most had extra and we have seen some damage to canal banks and structures from too much water. With snowpack in excess of 200 % of normal, we were expecting a lot more damage than was seen. With cool weather in May and the first half of June high water was spread over two months instead of the normal two weeks. The live stream flow ran high through the entire summer and continues to run high with the Gunnison reservoir over 80% full. Last year at this time the reservoir held 11,000 ac. ft. Today it is over 19,000 ac. ft.

Every live stream ran very high especially compared to the usual flow experienced over the past several years. Enough water flowed down the Sanpitch River into the Sevier River to fill the YUBA reservoir, 257,352 ac. ft.

120,000 ac. ft. flowed through the drainage district, causing damage to their canal system and delivery gates. 86,000 ac. ft. flowed down the 12 mile canyon compared to 34,000 ac. ft. the past 2 years.

Motion to accept the Report  
Made by, Sherwin Sorensen  
Seconded by, Danny Boore  
Vote: all present in favor

Lee Sim made a presentation;

Legislation in session made 7% budget cuts to the Division of Water rights.

6 Engineering positions would be cut of the the 20 positions across the state.  
Lee requested those present to speak to their legislative representatives.

Mike Silva reported; Lower report needed a format change in the annual readings.  
Need to add the assessment list in the report.  
The gates were removed from the lower bumper in the drainage district  
Provided much better drainage to the drainage district.  
Phone calls from the commissioner were all positive.

The financial report presented by Mike Silva

There was a transfer made from the trust fund.

There were no delinquent bills.

Motion to accept the financial report

Made by, Richard Nielson

Seconded by Shervin Sorensen

Vote: all present in favor

Mike Silva conducted the budget for 2011 as follows:

Beck, David	
Salary	9,000
Social Security	690
Insurance	90
Travel	2,000
Sorenson, Garth	
Salary	2,000
Social Security	185
Insurance	24
Travel	1,200
Supplies & Equipment	800
Contract Service	200
State Engineer Assessment	1250
Annual Report	100
Totals	17925

A motion to approve the budget of the *Lower* system

Made by, Danny Boore

Seconded by, Jay Olsen

Vote: all present in favor

A motion to set the assessment of the *Lower* System for 2011 at 17,600

Made by Danny Boore

Seconded by Richard Nielson

Vote: all present in favor

A motion that the Board remain the same as in 2010.

Made by Mardell Jensen

Seconded by Roland Beck

Vote: all present in favor

The committee for 2010 is:

Chairman	Dave Cox
Vice chairman	Allen Dyreng
First chairman	Clair Otten
Second chairman	Doug Wilden
Third chairman	Mike Larsen
Fourth chairman	Richard Nielsen
Fifth chairman	Sherwin Sorensen
Sixth chairman	Jay Olsen

Danny Boore reported about the sediment from 12-mile;

Approval had been received for cleaning the old sediment pond and for the building of a new sediment pond.

Mayfield irrigation was approved to raise the canal bank to be able to clean sediment from the canal rather than clean the pond.

Meeting adjourned at 11:50 a.m.

## **2011 Lower Sanpitch Water Commissioner report**

The theme for this year's water supply was enough, extra, too much. Everyone had enough water; most had extra and we have seen some damage to canal banks and structures from too much water. With snowpack in excess of 200 % of normal, we were expecting a lot more damage than was seen. With cool weather in May and the first half of June high water was spread over two months instead of the normal two weeks. The live stream flow ran high through the entire summer and continues to run high with the Gunnison reservoir over 80% full. Last year at this time the reservoir held 11,000 ac. ft. Today it is over 19,000 ac. ft.

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Sincerely yours,  
David R Beck  
Sanpitch water commissioner



GARY R. HERBERT  
Governor

GREG BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Water Rights

KENT L. JONES  
*State Engineer/Division Director*

## Lower San Pitch River Distribution System

### Distribution Engineer's Report

January 24, 2012

We had quite a water year in 2011, snowpack in 2011 was at an all time high, biggest flows seen in the San Pitch System. Problem was too much water. Getting all the water to drain out was a problem when lots of ground gets flooded. This problem could have been even worse if the Manti Bumpers were not removed. Thanks to the Drainage District for all their work and efforts on addressing the damage they sustained. More work needs to be done this season. See the graph Below for the USGS Site: Manti Creek Below Dugway Creek, to see we had a higher than average peak flow and a later season runoff with higher volume for 2011.

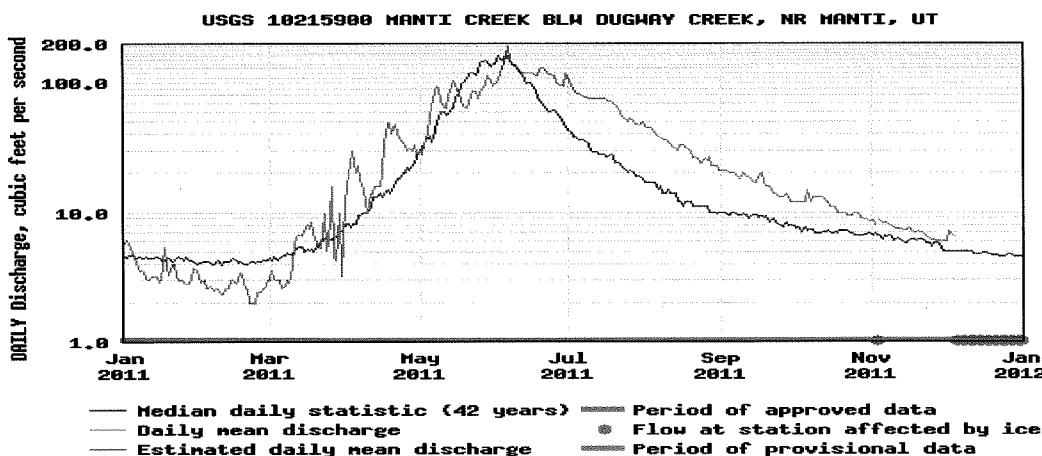
Although this is not the forum for a discussion of law suits, be advised that the State Engineer has been enjoined in a lawsuit along with Gunnison Irrigation and the Drainage District from Horrocks, Dan Brown, and Terry Lowey over the Manti Bumper issue.

This year so far, 2012 is not shaping up too well, my hope is the wet pattern that was established the third week of January stays with us and we are able to recover at least into the normal snowpack range. If the early winter high pressure gets back in place and stays with us, a limited snow pack may cause regulation to be a reality this year. At this writing the Snowpack for the Sevier River Basin shows at 72%, up from 65% at the start of January 2012, however lower percent numbers are in the San Pitch basin area averaging from 45-60%. Long range forecasting shows above to normal average forecast for the remainder of winter into spring, let's hope for the best.

One significant note is there are no delinquent accounts on the system this speaks highly of the diligence of you and your water user neighbors that are responsible in staying current. These funds support your water commissioner's effort to insure that everyone receives water, in accordance with their rights and in proportion to what is available and that water is measured and accounted for.

If you have any questions or concerns, feel free to contact me at (801) 538-7430 or by email at [MikeSilva@Utah.gov](mailto:MikeSilva@Utah.gov) I have had the pleasure of working with Dave Beck and Garth Sorensen this past year if you need to contact them, Dave's number is (435) 979-8138 and Garth's (435) 340-0783.

---Respectfully submitted by: *Mike Silva*, Distribution Engineer





GARY R. HERBERT  
Governor  
GREG BELL  
Lieutenant Governor

State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
Division of Water Rights

MICHAEL R. STYLER      KENT L. JONES  
Executive Director      State Engineer/Division Director

LOWER SAN PITCH RIVER DISTRIBUTION SYSTEM TRUST FUND  
2011 Financial Statement

A. BEGINNING BALANCE      January 1, 2011      \$8,681.20

B. RECEIPTS

1. Assessments:	\$17,602.37
2. Delinquent Penalties:	0.00
3. Previous Assessments & Penalties:	78.13
4. Transfers & Adjustments:	0.00
5. Annual Interest Earned:	60.50
6. System Reimbursements:	0.00
TOTAL RECEIPTS	17,741.00

C. EXPENDITURES

1. Budgeted Expenditures:	17,049.62
2. Unbudgeted Expenditures:	0.00
3. Transfers & Adjustments:	0.00
TOTAL EXPENDITURES	17,049.62

D. ENDING BALANCE      December 31, 2011      9,372.58

SUBMITTED BY :

Kent L. Jones, P.E.  
State Engineer

DATE

1-10-12

PREPARED BY:

Dennis Carroll  
Budget & Accounting Officer

LOWER SAN PITCH RIVER DISTRIBUTION SYSTEM  
2011 Budget Expenditures

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Item No	Item Description	2011 Budgeted Amount	2011 Expended Amount	2011 Reimbursed Amount	2011 Item Balance
<hr/>					
1	Beck, David Salary	9,000.00	9,000.00	0.00	0.00
2	Social Security	690.00	688.50	0.00	1.50
3	Insurance	90.00	80.86	0.00	9.14
4	Travel Expense	2,000.00	2,000.00	0.00	0.00
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5	Sorensen, Garth Salary	2,400.00	2,400.00	0.00	0.00
6	Social Security	185.00	183.60	0.00	1.40
7	Insurance	24.00	21.66	0.00	2.34
8	Travel Expense	1,200.00	1,200.00	0.00	0.00
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9	Secretary Expense	50.00	0.00	0.00	50.00
10	Supplies & Equipment	800.00	0.00	0.00	800.00
11	Contract Service	200.00	200.00	0.00	0.00
12	Miscellaneous Expenses	11.00	0.00	0.00	11.00
13	State Engineer Assessment	1,175.00	1,175.00	0.00	0.00
14	Annual Report	100.00	100.00	0.00	0.00
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Totals :		17,925.00	17,049.62	0.00	875.38

LOWER SAN PITCH RIVER DISTRIBUTION SYSTEM  
2011 Total Assessment Amount : \$17,600.00

LOWER SAN PITCH RIVER DISTRIBUTION SYSTEM  
2012 Proposed Budget Worksheet

Item No	Item Description	2011 Amount Budgeted	2011 Item Balance	2012 Proposed Budget
	Beck, David			
1	Salary	9,000.00	0.00	
2	Social Security	690.00	1.50	
3	Insurance	90.00	9.14	
4	Travel Expense	2,000.00	0.00	
	Sorensen, Garth			
5	Salary	2,400.00	0.00	
6	Social Security	185.00	1.40	
7	Insurance	24.00	2.34	
8	Travel Expense	1,200.00	0.00	
9	Secretary Expense	50.00	50.00	
10	Supplies & Equipment	800.00	800.00	
11	Contract Service	200.00	0.00	
12	Miscellaneous Expenses	11.00	11.00	
13	State Engineer Assessment	1,175.00	0.00	
14	Annual Report	100.00	0.00	
	Totals :	17,925.00	875.38	

LOWER SAN PITCH RIVER DISTRIBUTION SYSTEM  
2011 Delinquent Water Assessments

Page 3

Account Number	Billing Entity	Billing Contact	Amount Due
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		Total Amount Due :	0.00

[Online Services](#)[Agency List](#)[Business](#)[Search](#)

# Utah Division of Water Rights

## DVRTVIEW River Commissioner Records Viewer

Version: 2011.07.18.00      Rundate: 01/24/2012 10:41 AM

### System Diversion Summary for 2011

[Quit](#)

System Name: LOWER SAN PITCH RIVER

Station Name	Diversion in ACFT
COTTONWOOD CREEK FROM EPHRIAM CANYON	22724.63
HIGHLAND CANAL (SEC.19)	34316.03
MANTI CREEK BELOW DUGWAY CREEK	48166.61
MAYFIELD CANAL (SEC 33)	11859.17
OLD FIELD CANAL	7525.29
PETTYVILLE CANAL BELOW GUNNISON RES	28395.37
SAN PITCH RIVER BELOW OLD FIELD CANAL	255225.11
SIX MILE CREEK	69042.64
STERLING-NORTH MANTI	13200.00
TWELVE MILE CREEK TO HIGHLAND CANAL	7289.26
WEST DRAINAGE CANAL (SEC.1)	118990.41
WILLOW CREEK	7965.62

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER WEST DRAINAGE CANAL (SEC.1)

COMMON DESCRIPTION: About 2 1/2 miles west of Ephraim, on gravel road

DIVERTING WORKS: LAT/LON: 39 21 51 N/ 111 38 31 W

MEASURING DEVICE: continuous recorder

RECORDS RATING: Unrated

FLUCTUATION OF WATER LEVEL MAKES IT DIFFICULT TO OBTAIN ACCURATE READING. ALSO  
THE ICE IN THE WINTER HAMPERS GAGING THE FLOW

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	23.0	24.0	47.0	130.0	80.0	400.0	1100.0	40.0	4.0	9.0	35.0	45.0
02	23.0	24.0	60.0	130.0	90.0	375.0	1100.0	40.0	4.0	9.0	35.0	45.0
03	23.0	24.0	60.0	130.0	90.0	350.0	1100.0	40.0	4.0	9.0	35.0	45.0
04	23.0	24.0	60.0	120.0	90.0	350.0	1100.0	40.0	4.0	9.0	35.0	45.0
05	23.0	24.0	60.0	100.0	90.0	350.0	1100.0	40.0	4.0	9.0	35.0	45.0
06	23.0	24.0	60.0	90.0	90.0	350.0	1100.0	40.0	4.0	9.0	35.0	45.0
07	23.0	24.0	60.0	80.0	90.0	450.0	1000.0	40.0	4.0	9.0	35.0	45.0
08	23.0	24.0	60.0	70.0	80.0	500.0	1000.0	40.0	4.0	9.0	35.0	45.0
09	23.0	24.0	99.0	50.0	80.0	550.0	900.0	30.0	4.0	9.0	35.0	45.0
10	23.0	24.0	99.0	50.0	80.0	625.0	800.0	30.0	4.0	9.0	35.0	45.0
11	23.0	24.0	99.0	40.0	80.0	650.0	700.0	30.0	4.0	9.0	35.0	45.0
12	23.0	24.0	166.0	40.0	80.0	700.0	600.0	30.0	4.0	9.0	35.0	45.0
13	23.0	24.0	166.0	40.0	80.0	725.0	500.0	30.0	4.0	9.0	35.0	45.0
14	23.0	44.0	166.0	40.0	80.0	800.0	500.0	30.0	4.0	9.0	35.0	45.0
15	23.0	44.0	166.0	40.0	90.0	800.0	400.0	30.0	4.0	9.0	35.0	45.0
16	26.0	44.0	166.0	40.0	90.0	850.0	400.0	10.0	4.0	9.0	35.0	45.0
17	26.0	44.0	166.0	40.0	90.0	900.0	400.0	10.0	4.0	9.0	35.0	45.0
18	26.0	44.0	166.0	60.0	120.0	1000.0	400.0	10.0	4.0	9.0	35.0	45.0
19	26.0	44.0	166.0	60.0	170.0	1100.0	400.0	10.0	4.0	9.0	35.0	45.0
20	26.0	44.0	166.0	60.0	250.0	1200.0	400.0	10.0	4.0	9.0	35.0	45.0
21	26.0	44.0	145.0	60.0	275.0	1300.0	300.0	9.0	4.0	9.0	35.0	45.0
22	26.0	47.0	145.0	80.0	275.0	1400.0	200.0	9.0	4.0	9.0	35.0	45.0
23	26.0	47.0	145.0	80.0	300.0	1500.0	100.0	9.0	4.0	9.0	35.0	45.0
24	31.0	47.0	145.0	80.0	350.0	1500.0	80.0	9.0	4.0	9.0	45.0	45.0
25	31.0	47.0	145.0	80.0	350.0	1500.0	80.0	7.0	4.0	9.0	45.0	45.0
26	31.0	47.0	145.0	80.0	375.0	1500.0	60.0	7.0	4.0	9.0	45.0	45.0
27	31.0	47.0	130.0	80.0	375.0	1400.0	60.0	7.0	4.0	9.0	45.0	45.0
28	31.0	47.0	130.0	80.0	375.0	1300.0	60.0	7.0	4.0	9.0	45.0	45.0
29	31.0		130.0	80.0	400.0	1200.0	40.0	7.0	4.0	9.0	45.0	45.0
30	31.0		130.0	80.0	400.0	1100.0	40.0	7.0	4.0	9.0	45.0	45.0
31	31.0		130.0		400.0		40.0	7.0		9.0		45.0
Mean	25.8	35.5	121.9	73.0	189.2	890.8	518.1	21.5	4.0	9.0	37.3	45.0
Min	23.0	24.0	47.0	40.0	80.0	350.0	40.0	7.0	4.0	9.0	35.0	45.0
Max	31.0	47.0	166.0	130.0	400.0	1500.0	1100.0	40.0	4.0	9.0	45.0	45.0
Acft	1588.8	1969.6	7493.6	4343.8	11633.1	53008.3	31854.5	1319.0	238.0	553.4	2221.5	2766.9

Annual ACFT Total: 118990.4

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER COTTONWOOD CREEK FROM EPHRIAM CANYON

COMMON DESCRIPTION: Ephriam Canyon outflow through Cottonwood Creek

DIVERTING WORKS:

MEASURING DEVICE: 20 foot Parshall Flume

RECORDS RATING: Unrated

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	4.00	4.00	4.00	6.00	6.00	54.00	131.00	25.00	9.00	3.00	4.00	4.00
02	4.00	4.00	6.00	6.00	6.00	52.00	131.00	22.00	9.00	3.00	4.00	4.00
03	4.00	4.00	6.00	6.00	6.00	52.00	120.00	22.00	6.00	3.00	4.00	4.00
04	4.00	4.00	6.00	6.00	6.00	109.00	120.00	22.00	6.00	3.00	4.00	4.00
05	4.00	4.00	6.00	6.00	14.00	156.00	120.00	22.00	6.00	3.00	4.00	4.00
06	4.00	4.00	6.00	6.00	14.00	156.00	120.00	20.00	6.00	3.00	4.00	4.00
07	4.00	4.00	6.00	6.00	14.00	265.00	120.00	20.00	6.00	3.00	4.00	4.00
08	4.00	4.00	6.00	6.00	14.00	340.00	110.00	20.00	6.00	3.00	4.00	4.00
09	4.00	4.00	6.00	6.00	21.00	370.00	110.00	15.00	6.00	3.00	4.00	4.00
10	4.00	4.00	6.00	6.00	21.00	265.00	110.00	15.00	6.00	3.00	4.00	4.00
11	4.00	4.00	6.00	6.00	21.00	290.00	110.00	15.00	4.00	3.00	4.00	4.00
12	4.00	4.00	6.00	6.00	21.00	290.00	100.00	15.00	4.00	3.00	4.00	4.00
13	4.00	4.00	6.00	6.00	25.00	290.00	100.00	15.00	4.00	3.00	4.00	4.00
14	4.00	4.00	6.00	6.00	27.00	265.00	80.00	15.00	4.00	3.00	4.00	4.00
15	4.00	4.00	6.00	6.00	27.00	265.00	50.00	15.00	4.00	3.00	4.00	4.00
16	4.00	4.00	6.00	6.00	27.00	265.00	40.00	10.00	4.00	3.00	4.00	4.00
17	4.00	4.00	6.00	6.00	26.00	265.00	40.00	10.00	4.00	3.00	4.00	4.00
18	4.00	4.00	6.00	8.00	26.00	238.00	40.00	10.00	4.00	3.00	4.00	4.00
19	4.00	4.00	6.00	8.00	26.00	238.00	40.00	10.00	4.00	3.00	4.00	4.00
20	4.00	4.00	6.00	8.00	26.00	238.00	40.00	10.00	4.00	3.00	4.00	4.00
21	4.00	4.00	6.00	8.00	28.00	238.00	35.00	9.00	3.00	3.00	4.00	4.00
22	4.00	4.00	6.00	35.00	28.00	238.00	35.00	9.00	3.00	3.00	4.00	4.00
23	4.00	4.00	6.00	35.00	28.00	238.00	35.00	9.00	3.00	3.00	4.00	4.00
24	4.00	4.00	6.00	35.00	37.00	238.00	30.00	9.00	3.00	3.00	4.00	4.00
25	4.00	4.00	6.00	35.00	37.00	238.00	30.00	9.00	3.00	3.00	4.00	4.00
26	4.00	4.00	6.00	35.00	52.00	238.00	30.00	8.00	3.00	3.00	4.00	4.00
27	4.00	4.00	6.00	25.00	52.00	238.00	30.00	8.00	3.00	3.00	4.00	4.00
28	4.00	4.00	6.00	30.00	54.00	238.00	25.00	8.00	3.00	3.00	4.00	4.00
29	4.00		6.00	35.00	54.00	180.00	25.00	8.00	3.00	3.00	4.00	4.00
30	4.00		6.00	35.00	65.00	131.00	25.00	8.00	3.00	3.00	4.00	4.00
31	4.00		6.00		65.00		25.00	8.00		3.00		4.00
Mean	4.00	4.00	5.94	14.47	28.19	222.60	69.58	13.58	4.53	3.00	4.00	4.00
Min	4.00	4.00	4.00	6.00	6.00	52.00	25.00	8.00	3.00	3.00	4.00	4.00
Max	4.00	4.00	6.00	35.00	65.00	370.00	131.00	25.00	9.00	3.00	4.00	4.00
Acft	245.95	222.15	364.96	860.83	1733.55	13245.62	4278.35	835.04	269.75	184.46	238.02	245.95

Annual ACFT Total: 22724.63

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER WILLOW CREEK

COMMON DESCRIPTION: North of Manti

DIVERTING WORKS:

MEASURING DEVICE: 5 foot Parshall Flume

RECORDS RATING: Unrated

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	1.00	1.00	1.00	2.00	5.00	19.00	50.00	8.00	3.00	1.00	1.00	1.00
02	1.00	1.00	2.00	2.00	5.00	40.00	50.00	7.00	3.00	1.00	1.00	1.00
03	1.00	1.00	2.00	2.00	6.00	40.00	50.00	7.00	2.00	1.00	1.00	1.00
04	1.00	1.00	2.00	2.00	9.00	40.00	40.00	7.00	2.00	1.00	1.00	1.00
05	1.00	1.00	2.00	2.00	15.00	50.00	40.00	7.00	2.00	1.00	1.00	1.00
06	1.00	1.00	2.00	2.00	16.00	50.00	40.00	6.00	2.00	1.00	1.00	1.00
07	1.00	1.00	2.00	2.00	17.00	80.00	40.00	6.00	2.00	1.00	1.00	1.00
08	1.00	1.00	2.00	2.00	14.00	110.00	30.00	6.00	2.00	1.00	1.00	1.00
09	1.00	1.00	2.00	2.00	9.00	120.00	30.00	5.00	2.00	1.00	1.00	1.00
10	1.00	1.00	2.00	2.00	0.00	120.00	30.00	5.00	2.00	1.00	1.00	1.00
11	1.00	1.00	2.00	2.00	0.00	120.00	30.00	5.00	2.00	1.00	1.00	1.00
12	1.00	1.00	2.00	2.00	0.00	120.00	30.00	5.00	2.00	1.00	1.00	1.00
13	1.00	1.00	2.00	2.00	0.00	120.00	20.00	5.00	2.00	1.00	1.00	1.00
14	1.00	1.00	2.00	2.00	0.00	120.00	20.00	5.00	2.00	1.00	1.00	1.00
15	1.00	1.00	2.00	2.00	0.00	120.00	20.00	5.00	2.00	1.00	1.00	1.00
16	1.00	1.00	2.00	2.00	0.00	120.00	15.00	3.00	2.00	1.00	1.00	1.00
17	1.00	1.00	2.00	2.00	0.00	120.00	15.00	3.00	2.00	1.00	1.00	1.00
18	1.00	1.00	2.00	3.00	0.00	110.00	15.00	3.00	2.00	1.00	1.00	1.00
19	1.00	1.00	2.00	3.00	0.00	110.00	15.00	3.00	2.00	1.00	1.00	1.00
20	1.00	1.00	2.00	3.00	0.00	110.00	15.00	3.00	2.00	1.00	1.00	1.00
21	1.00	1.00	2.00	3.00	0.00	110.00	12.00	2.00	1.00	1.00	1.00	1.00
22	1.00	1.00	2.00	5.00	0.00	110.00	12.00	2.00	1.00	1.00	1.00	1.00
23	1.00	1.00	2.00	5.00	0.00	100.00	12.00	2.00	1.00	1.00	1.00	1.00
24	1.00	1.00	2.00	5.00	0.00	100.00	10.00	2.00	1.00	1.00	1.00	1.00
25	1.00	1.00	2.00	5.00	0.00	100.00	10.00	2.00	1.00	1.00	1.00	1.00
26	1.00	1.00	2.00	5.00	0.00	90.00	10.00	2.00	1.00	1.00	1.00	1.00
27	1.00	1.00	2.00	3.00	0.00	80.00	10.00	2.00	1.00	1.00	1.00	1.00
28	1.00	1.00	2.00	4.00	0.00	80.00	8.00	2.00	1.00	1.00	1.00	1.00
29	1.00		2.00	5.00	0.00	70.00	8.00	2.00	1.00	1.00	1.00	1.00
30	1.00		2.00	5.00	0.00	60.00	8.00	2.00	1.00	1.00	1.00	1.00
31	1.00		2.00		0.00		8.00	2.00		1.00		1.00
Mean	1.00	1.00	1.97	2.93	3.10	91.30	22.68	4.06	1.73	1.00	1.00	1.00
Min	1.00	1.00	1.00	2.00	0.00	19.00	8.00	2.00	1.00	1.00	1.00	1.00
Max	1.00	1.00	2.00	5.00	17.00	120.00	50.00	8.00	3.00	1.00	1.00	1.00
Acft	61.49	55.54	120.99	174.55	190.41	5432.73	1394.38	249.92	103.14	61.49	59.50	61.49

Annual ACFT Total: 7965.62

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER MANTI CREEK BELOW DUGWAY CREEK

COMMON DESCRIPTION: About 3 miles east of Manti  
 DIVERTING WORKS: pressurized gas and bubble gage system  
 MEASURING DEVICE: digital recorder & continuous record  
 RECORDS RATING: Unrated

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	2.0	12.0	14.0	12.0	50.0	167.0	290.0	60.0	30.0	9.0	11.0	11.0
02	2.0	12.0	14.0	12.0	60.0	167.0	310.0	60.0	25.0	9.0	11.0	11.0
03	2.0	12.0	14.0	12.0	70.0	220.0	310.0	60.0	25.0	9.0	11.0	11.0
04	2.0	12.0	14.0	12.0	80.0	220.0	300.0	60.0	25.0	9.0	11.0	11.0
05	2.0	12.0	14.0	12.0	85.0	290.0	290.0	60.0	25.0	9.0	11.0	11.0
06	2.0	12.0	14.0	12.0	100.0	290.0	270.0	55.0	18.0	9.0	11.0	11.0
07	2.0	12.0	14.0	12.0	150.0	400.0	270.0	55.0	18.0	9.0	11.0	11.0
08	2.0	12.0	14.0	12.0	150.0	400.0	270.0	55.0	18.0	9.0	11.0	11.0
09	2.0	12.0	14.0	12.0	97.0	400.0	260.0	50.0	18.0	9.0	11.0	11.0
10	2.0	12.0	14.0	12.0	97.0	380.0	260.0	50.0	18.0	9.0	11.0	11.0
11	2.0	12.0	14.0	12.0	85.0	380.0	260.0	50.0	18.0	9.0	11.0	11.0
12	2.0	12.0	14.0	12.0	85.0	320.0	240.0	50.0	14.0	9.0	11.0	11.0
13	2.0	12.0	14.0	12.0	85.0	320.0	240.0	50.0	14.0	9.0	11.0	11.0
14	2.0	14.0	14.0	12.0	132.0	380.0	200.0	50.0	14.0	9.0	11.0	11.0
15	2.0	14.0	14.0	12.0	182.0	380.0	150.0	50.0	14.0	9.0	11.0	11.0
16	2.0	14.0	14.0	12.0	182.0	395.0	132.0	40.0	14.0	9.0	11.0	11.0
17	2.0	14.0	14.0	12.0	182.0	395.0	130.0	40.0	14.0	9.0	11.0	11.0
18	2.0	14.0	14.0	18.0	120.0	395.0	130.0	40.0	14.0	9.0	11.0	11.0
19	2.0	14.0	14.0	18.0	120.0	395.0	120.0	40.0	14.0	9.0	11.0	11.0
20	2.0	14.0	14.0	18.0	120.0	365.0	110.0	40.0	11.0	9.0	11.0	11.0
21	2.0	14.0	14.0	18.0	145.0	365.0	110.0	30.0	11.0	9.0	11.0	11.0
22	2.0	14.0	14.0	55.0	145.0	400.0	100.0	30.0	11.0	9.0	11.0	11.0
23	2.0	14.0	12.0	55.0	145.0	450.0	90.0	30.0	11.0	9.0	11.0	11.0
24	2.0	14.0	12.0	55.0	152.0	450.0	85.0	30.0	11.0	9.0	11.0	11.0
25	2.0	14.0	12.0	55.0	152.0	400.0	82.0	25.0	11.0	9.0	11.0	11.0
26	2.0	14.0	12.0	55.0	175.0	400.0	80.0	25.0	9.0	9.0	11.0	11.0
27	2.0	14.0	12.0	32.0	175.0	380.0	80.0	25.0	9.0	9.0	11.0	11.0
28	2.0	14.0	12.0	39.0	182.0	380.0	70.0	25.0	9.0	9.0	11.0	11.0
29	2.0		12.0	55.0	182.0	350.0	70.0	20.0	9.0	9.0	11.0	11.0
30	2.0		12.0	55.0	182.0	290.0	60.0	20.0	9.0	9.0	11.0	11.0
31	2.0		12.0		182.0		60.0	20.0		9.0		11.0
Mean	2.0	13.1	13.4	24.4	130.6	350.8	175.1	41.8	15.4	9.0	11.0	11.0
Min	2.0	12.0	12.0	12.0	50.0	167.0	60.0	20.0	9.0	9.0	11.0	11.0
Max	2.0	14.0	14.0	55.0	182.0	450.0	310.0	60.0	30.0	9.0	11.0	11.0
Acft	123.0	726.0	825.1	1451.9	8031.1	20874.0	10768.3	2568.6	914.4	553.4	654.5	676.4

Annual ACFT Total: 48166.6

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER SIX MILE CREEK

COMMON DESCRIPTION: About 2 miles east of Sterling  
 DIVERTING WORKS: 20 foot wide concrete control w/installed splitter  
 MEASURING DEVICE: 4 foot concrete parshall flume  
 RECORDS RATING: Unrated  
 LOCATION: 443220.71 East, 4339194.11 North (NAD27 UTM Coordinates)

CONTINUOUS RECORDER GAGING STATION INSTALLED ON NORTH SIDE

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	12.0	10.0	12.0	12.0	50.0	170.0	650.0	80.0	24.0	15.0	11.0	12.0
02	12.0	10.0	14.0	12.0	50.0	210.0	630.0	80.0	24.0	15.0	11.0	12.0
03	12.0	10.0	14.0	12.0	50.0	250.0	630.0	80.0	24.0	13.0	11.0	12.0
04	12.0	10.0	14.0	12.0	110.0	300.0	630.0	80.0	24.0	13.0	11.0	12.0
05	12.0	10.0	14.0	12.0	150.0	350.0	610.0	80.0	24.0	13.0	11.0	12.0
06	12.0	10.0	14.0	12.0	150.0	375.0	590.0	70.0	24.0	13.0	11.0	12.0
07	12.0	10.0	14.0	12.0	150.0	400.0	570.0	70.0	24.0	13.0	11.0	12.0
08	12.0	10.0	14.0	12.0	130.0	425.0	530.0	70.0	22.0	13.0	11.0	12.0
09	12.0	10.0	16.0	12.0	116.0	450.0	500.0	70.0	22.0	13.0	11.0	12.0
10	12.0	10.0	16.0	12.0	120.0	475.0	450.0	70.0	22.0	13.0	11.0	12.0
11	12.0	10.0	16.0	12.0	120.0	475.0	400.0	70.0	22.0	13.0	11.0	12.0
12	12.0	10.0	16.0	12.0	110.0	490.0	350.0	60.0	22.0	13.0	10.0	12.0
13	12.0	10.0	16.0	12.0	125.0	550.0	270.0	60.0	22.0	13.0	10.0	12.0
14	12.0	10.0	16.0	12.0	135.0	600.0	230.0	60.0	22.0	12.0	10.0	12.0
15	12.0	12.0	16.0	12.0	191.0	690.0	200.0	60.0	17.0	12.0	10.0	12.0
16	12.0	12.0	14.0	12.0	156.0	780.0	150.0	60.0	17.0	12.0	10.0	12.0
17	12.0	12.0	14.0	12.0	142.0	730.0	130.0	60.0	17.0	12.0	10.0	12.0
18	12.0	12.0	14.0	20.0	125.0	710.0	130.0	40.0	17.0	12.0	10.0	12.0
19	12.0	12.0	14.0	20.0	105.0	710.0	130.0	40.0	17.0	12.0	10.0	12.0
20	12.0	12.0	14.0	13.0	110.0	710.0	130.0	40.0	17.0	12.0	10.0	12.0
21	12.0	12.0	14.0	13.0	120.0	710.0	120.0	40.0	17.0	12.0	10.0	12.0
22	12.0	12.0	14.0	53.0	120.0	710.0	120.0	40.0	17.0	12.0	10.0	12.0
23	12.0	12.0	12.0	53.0	120.0	730.0	110.0	40.0	17.0	12.0	14.0	12.0
24	12.0	12.0	12.0	53.0	140.0	730.0	110.0	20.0	17.0	12.0	14.0	12.0
25	12.0	12.0	12.0	53.0	140.0	710.0	100.0	20.0	12.0	12.0	14.0	12.0
26	12.0	12.0	12.0	53.0	140.0	700.0	80.0	20.0	12.0	12.0	14.0	12.0
27	12.0	12.0	12.0	31.0	140.0	690.0	80.0	20.0	12.0	12.0	14.0	12.0
28	12.0	12.0	12.0	37.0	170.0	670.0	80.0	20.0	12.0	12.0	14.0	12.0
29	12.0	12.0	12.0	53.0	170.0	650.0	80.0	20.0	12.0	12.0	14.0	12.0
30	12.0	12.0	12.0	53.0	170.0	650.0	80.0	20.0	11.0	12.0	14.0	12.0
31	12.0		12.0		170.0		80.0	20.0		12.0		12.0
Mean	12.0	11.0	13.8	23.6	128.9	560.0	288.7	51.0	18.8	12.5	11.4	12.0
Min	12.0	10.0	12.0	12.0	50.0	170.0	80.0	20.0	11.0	12.0	10.0	12.0
Max	12.0	12.0	16.0	53.0	191.0	780.0	650.0	80.0	24.0	15.0	14.0	12.0
Acft	737.9	610.9	848.9	1406.3	7924.0	33322.3	17752.1	3133.9	1116.7	771.6	680.3	737.9

Annual ACFT Total: 69042.6

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER STERLING-NORTH MANTI

COMMON DESCRIPTION: In Six Mile Division LAT/LON: 39 12 05/ 111 39 21W  
 DIVERTING WORKS: HEADGATE AND CONCRETE SPLIT STRUCTURE  
 MEASURING DEVICE: 4 FT CONCRETE FLUME  
 RECORDS RATING: Unrated

no comment  
 GAGE ON CONCRETE FLUME NEED TO BE REPLACED-HARD TO READ

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	9.00	8.00	6.00	6.00	5.00	50.00	50.00	40.00	24.00	11.00	8.00	3.00
02	9.00	8.00	7.00	6.00	5.00	50.00	50.00	40.00	24.00	11.00	8.00	3.00
03	9.00	8.00	7.00	6.00	5.00	50.00	50.00	40.00	24.00	9.00	8.00	3.00
04	9.00	8.00	7.00	6.00	10.00	50.00	50.00	40.00	24.00	9.00	8.00	3.00
05	9.00	8.00	7.00	6.00	20.00	50.00	50.00	40.00	24.00	9.00	8.00	3.00
06	9.00	8.00	7.00	6.00	20.00	50.00	50.00	35.00	24.00	9.00	8.00	3.00
07	9.00	8.00	7.00	6.00	20.00	50.00	50.00	35.00	24.00	9.00	8.00	3.00
08	9.00	8.00	7.00	6.00	20.00	50.00	50.00	35.00	22.00	9.00	8.00	3.00
09	9.00	8.00	7.00	6.00	20.00	50.00	50.00	35.00	22.00	9.00	8.00	3.00
10	9.00	8.00	8.00	6.00	30.00	50.00	50.00	35.00	22.00	9.00	8.00	3.00
11	9.00	5.00	8.00	6.00	30.00	50.00	50.00	35.00	22.00	9.00	8.00	3.00
12	9.00	5.00	8.00	6.00	30.00	50.00	50.00	30.00	22.00	9.00	5.00	3.00
13	9.00	5.00	8.00	6.00	35.00	50.00	50.00	30.00	22.00	9.00	5.00	3.00
14	9.00	5.00	8.00	6.00	35.00	50.00	50.00	30.00	22.00	8.00	5.00	3.00
15	9.00	6.00	8.00	6.00	35.00	50.00	50.00	30.00	17.00	8.00	5.00	3.00
16	9.00	6.00	7.00	6.00	40.00	50.00	50.00	30.00	17.00	8.00	5.00	3.00
17	9.00	6.00	7.00	6.00	40.00	50.00	50.00	30.00	17.00	8.00	5.00	3.00
18	9.00	6.00	7.00	10.00	35.00	50.00	50.00	20.00	17.00	8.00	5.00	3.00
19	9.00	6.00	7.00	10.00	25.00	50.00	50.00	20.00	17.00	8.00	5.00	3.00
20	9.00	6.00	7.00	3.00	30.00	50.00	50.00	20.00	17.00	8.00	5.00	3.00
21	9.00	6.00	7.00	3.00	30.00	50.00	50.00	20.00	17.00	8.00	5.00	3.00
22	9.00	6.00	7.00	3.00	30.00	50.00	50.00	20.00	17.00	8.00	5.00	3.00
23	9.00	6.00	6.00	3.00	30.00	50.00	50.00	20.00	17.00	8.00	5.00	3.00
24	9.00	6.00	6.00	3.00	40.00	50.00	50.00	10.00	17.00	8.00	5.00	3.00
25	9.00	6.00	6.00	3.00	40.00	50.00	50.00	10.00	12.00	8.00	5.00	3.00
26	9.00	6.00	6.00	3.00	40.00	50.00	40.00	10.00	12.00	8.00	5.00	3.00
27	9.00	6.00	6.00	3.00	40.00	50.00	40.00	10.00	12.00	8.00	5.00	3.00
28	9.00	6.00	6.00	3.00	50.00	50.00	40.00	10.00	12.00	8.00	5.00	3.00
29	9.00		6.00	3.00	50.00	50.00	40.00	10.00	12.00	8.00	5.00	3.00
30	9.00		6.00	3.00	50.00	50.00	40.00	10.00	11.00	8.00	5.00	3.00
31	9.00		6.00		50.00		40.00	10.00		8.00		3.00
Mean	9.00	6.57	6.87	5.17	30.32	50.00	48.06	25.48	18.77	8.55	6.10	3.00
Min	9.00	5.00	6.00	3.00	5.00	50.00	40.00	10.00	11.00	8.00	5.00	3.00
Max	9.00	8.00	8.00	10.00	50.00	50.00	50.00	40.00	24.00	11.00	8.00	3.00
Acft	553.39	364.96	422.48	307.44	1864.46	2975.21	2955.37	1566.94	1116.69	525.62	362.98	184.46

Annual ACFT Total: 13200.00

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER PETTYSVILLE CANAL BELOW GUNNISON RES

COMMON DESCRIPTION: LAT/LON: 39 12 13 N/ 111 42 39 W

DIVERTING WORKS:

MEASURING DEVICE: GAGING STATION WITH STEVENS RECORDER

RECORDS RATING: Unrated

LOCATION: 438625.00 East, 4339364.45 North (NAD27 UTM Coordinates)

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	0.00	0.00	1.00	20.00	36.00	110.00	130.00	55.00	95.00	10.00	0.00	0.00
02	0.00	0.00	1.00	20.00	50.00	110.00	130.00	55.00	100.00	10.00	0.00	0.00
03	0.00	0.00	1.00	20.00	75.00	110.00	130.00	55.00	100.00	10.00	0.00	0.00
04	0.00	0.00	1.00	20.00	80.00	110.00	130.00	55.00	100.00	10.00	0.00	0.00
05	0.00	0.00	1.00	20.00	100.00	110.00	130.00	55.00	100.00	10.00	0.00	0.00
06	0.00	0.00	1.00	20.00	105.00	115.00	130.00	55.00	100.00	0.00	0.00	0.00
07	0.00	0.00	1.00	20.00	120.00	130.00	130.00	55.00	100.00	0.00	0.00	0.00
08	0.00	0.00	1.00	20.00	130.00	130.00	130.00	55.00	100.00	0.00	0.00	0.00
09	0.00	0.00	1.00	20.00	130.00	130.00	130.00	66.00	100.00	0.00	0.00	0.00
10	0.00	0.00	1.00	20.00	130.00	140.00	130.00	84.00	99.00	0.00	0.00	0.00
11	0.00	0.00	1.00	20.00	125.00	140.00	130.00	84.00	98.00	0.00	0.00	0.00
12	0.00	0.00	1.00	20.00	125.00	140.00	130.00	80.00	85.00	0.00	0.00	0.00
13	0.00	0.00	1.00	20.00	125.00	140.00	95.00	80.00	75.00	0.00	0.00	0.00
14	0.00	0.00	1.00	20.00	120.00	140.00	65.00	80.00	55.00	0.00	0.00	0.00
15	0.00	0.00	1.00	20.00	120.00	120.00	40.00	90.00	55.00	0.00	0.00	0.00
16	0.00	0.00	1.00	20.00	125.00	110.00	40.00	90.00	40.00	0.00	0.00	0.00
17	0.00	0.00	1.00	20.00	130.00	100.00	40.00	88.00	30.00	0.00	0.00	0.00
18	0.00	0.00	1.00	26.00	100.00	100.00	40.00	94.00	20.00	0.00	0.00	0.00
19	0.00	0.00	1.00	26.00	40.00	100.00	40.00	98.00	20.00	0.00	0.00	0.00
20	0.00	0.00	1.00	40.00	40.00	100.00	40.00	98.00	30.00	0.00	0.00	0.00
21	0.00	0.00	1.00	40.00	70.00	85.00	60.00	98.00	30.00	0.00	0.00	0.00
22	0.00	0.00	1.00	60.00	70.00	85.00	75.00	98.00	40.00	0.00	0.00	0.00
23	0.00	0.00	1.00	60.00	70.00	85.00	40.00	96.00	40.00	0.00	0.00	0.00
24	0.00	0.00	1.00	36.00	70.00	85.00	40.00	95.00	40.00	0.00	0.00	0.00
25	0.00	0.00	8.00	36.00	70.00	115.00	45.00	94.00	40.00	0.00	0.00	0.00
26	0.00	0.00	8.00	40.00	70.00	115.00	45.00	93.00	40.00	0.00	0.00	0.00
27	0.00	0.00	8.00	54.00	90.00	115.00	45.00	92.00	40.00	0.00	0.00	0.00
28	0.00	0.00	8.00	60.00	90.00	115.00	45.00	91.00	40.00	0.00	0.00	0.00
29	0.00		8.00	72.00	90.00	115.00	50.00	90.00	40.00	0.00	0.00	0.00
30	0.00		8.00	72.00	110.00	115.00	50.00	89.00	40.00	0.00	0.00	0.00
31	0.00		8.00		110.00		50.00	88.00		0.00		0.00
Mean	0.00	0.00	2.58	32.07	94.06	113.83	80.81	80.52	63.07	1.61	0.00	0.00
Min	0.00	0.00	1.00	20.00	36.00	85.00	40.00	55.00	20.00	0.00	0.00	0.00
Max	0.00	0.00	8.00	72.00	130.00	140.00	130.00	98.00	100.00	10.00	0.00	0.00
Acft	0.00	0.00	158.68	1908.10	5783.80	6773.55	4968.59	4950.74	3752.73	99.17	0.00	0.00

Annual ACFT Total: 28395.37

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER MAYFIELD CANAL (SEC 33)

COMMON DESCRIPTION:

DIVERTING WORKS:

MEASURING DEVICE:

RECORDS RATING: Unrated

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	2.00	2.00	2.00	2.00	5.00	40.00	50.00	40.00	25.00	15.00	2.00	2.00
02	2.00	2.00	2.00	2.00	5.00	50.00	50.00	40.00	25.00	15.00	2.00	2.00
03	2.00	2.00	2.00	2.00	5.00	50.00	50.00	40.00	22.00	15.00	2.00	2.00
04	2.00	2.00	2.00	2.00	10.00	50.00	50.00	40.00	22.00	15.00	2.00	2.00
05	2.00	2.00	2.00	2.00	25.00	50.00	50.00	40.00	22.00	15.00	2.00	2.00
06	2.00	2.00	2.00	2.00	30.00	50.00	50.00	35.00	22.00	15.00	2.00	2.00
07	2.00	2.00	2.00	2.00	30.00	50.00	50.00	35.00	22.00	15.00	2.00	2.00
08	2.00	2.00	2.00	2.00	30.00	50.00	50.00	35.00	22.00	15.00	2.00	2.00
09	2.00	2.00	2.00	2.00	30.00	50.00	50.00	35.00	22.00	15.00	2.00	2.00
10	2.00	2.00	2.00	2.00	30.00	50.00	50.00	35.00	22.00	15.00	2.00	2.00
11	2.00	2.00	2.00	2.00	30.00	50.00	50.00	35.00	22.00	15.00	2.00	2.00
12	2.00	2.00	2.00	2.00	30.00	50.00	50.00	35.00	20.00	15.00	2.00	2.00
13	2.00	2.00	2.00	2.00	30.00	50.00	50.00	30.00	20.00	15.00	2.00	2.00
14	2.00	2.00	2.00	2.00	30.00	50.00	50.00	30.00	20.00	15.00	2.00	2.00
15	2.00	2.00	2.00	2.00	35.00	50.00	50.00	30.00	20.00	15.00	2.00	2.00
16	2.00	2.00	2.00	2.00	35.00	50.00	50.00	30.00	20.00	9.00	2.00	2.00
17	2.00	2.00	2.00	2.00	35.00	50.00	50.00	30.00	20.00	9.00	2.00	2.00
18	2.00	2.00	2.00	2.00	20.00	50.00	50.00	30.00	20.00	9.00	2.00	2.00
19	2.00	2.00	2.00	2.00	10.00	50.00	50.00	30.00	15.00	9.00	2.00	2.00
20	2.00	2.00	2.00	2.00	10.00	50.00	50.00	30.00	15.00	9.00	2.00	2.00
21	2.00	2.00	2.00	2.00	20.00	50.00	50.00	30.00	15.00	9.00	2.00	2.00
22	2.00	2.00	2.00	2.00	20.00	50.00	45.00	30.00	15.00	9.00	2.00	2.00
23	2.00	2.00	2.00	2.00	20.00	50.00	45.00	30.00	15.00	9.00	2.00	2.00
24	2.00	2.00	2.00	2.00	20.00	50.00	40.00	30.00	15.00	9.00	2.00	2.00
25	2.00	2.00	2.00	2.00	30.00	50.00	40.00	25.00	15.00	9.00	2.00	2.00
26	2.00	2.00	2.00	2.00	30.00	50.00	35.00	25.00	15.00	9.00	2.00	2.00
27	2.00	2.00	2.00	2.00	30.00	50.00	35.00	25.00	15.00	9.00	2.00	2.00
28	2.00	2.00	2.00	2.00	40.00	50.00	35.00	25.00	15.00	9.00	2.00	2.00
29	2.00	2.00	2.00	2.00	40.00	50.00	30.00	25.00	15.00	9.00	2.00	2.00
30	2.00	2.00	2.00	2.00	40.00	50.00	30.00	25.00	15.00	9.00	2.00	2.00
31	2.00		2.00		40.00		30.00	25.00		9.00		2.00
Mean	2.00	2.00	2.00	2.00	25.65	49.67	45.65	31.61	18.93	11.90	2.00	2.00
Min	2.00	2.00	2.00	2.00	5.00	40.00	30.00	25.00	15.00	9.00	2.00	2.00
Max	2.00	2.00	2.00	2.00	40.00	50.00	50.00	40.00	25.00	15.00	2.00	2.00
Acft	122.98	111.07	122.98	119.01	1576.86	2955.37	2806.61	1943.80	1126.61	731.90	119.01	122.98

Annual ACFT Total: 11859.17

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER TWELVE MILE CREEK TO HIGHLAND CANAL

COMMON DESCRIPTION: Gaging Station installed May 24, 1994.

DIVERTING WORKS:

MEASURING DEVICE: CONTINUOUS RECORDER

RECORDS RATING: Unrated

LOCATION: 436670.96 East, 4332977.30 North (NAD27 UTM Coordinates)

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	7.00	7.00	7.00	0.00	0.00	0.00	24.00	33.00	0.00	15.00	7.00	16.00
02	7.00	7.00	7.00	0.00	0.00	0.00	24.00	33.00	0.00	15.00	7.00	16.00
03	7.00	7.00	7.00	0.00	0.00	0.00	20.00	40.00	4.00	15.00	7.00	16.00
04	7.00	7.00	7.00	0.00	0.00	0.00	20.00	43.00	4.00	15.00	7.00	16.00
05	7.00	7.00	7.00	0.00	10.00	10.00	20.00	21.00	4.00	15.00	7.00	16.00
06	7.00	7.00	7.00	0.00	21.00	10.00	0.00	13.00	4.00	27.00	7.00	16.00
07	7.00	7.00	1.00	0.00	0.00	10.00	0.00	13.00	4.00	20.00	7.00	7.00
08	7.00	7.00	1.00	0.00	0.00	20.00	15.00	21.00	4.00	15.00	7.00	7.00
09	7.00	7.00	1.00	0.00	0.00	20.00	15.00	21.00	7.00	15.00	7.00	7.00
10	7.00	7.00	1.00	0.00	0.00	20.00	0.00	25.00	7.00	15.00	20.00	7.00
11	7.00	7.00	1.00	0.00	0.00	15.00	0.00	25.00	7.00	15.00	20.00	7.00
12	7.00	7.00	0.00	0.00	10.00	0.00	0.00	21.00	12.00	15.00	20.00	7.00
13	7.00	7.00	0.00	0.00	0.00	0.00	27.00	18.00	11.00	15.00	20.00	7.00
14	7.00	7.00	0.00	0.00	0.00	0.00	60.00	18.00	15.00	15.00	20.00	7.00
15	7.00	7.00	0.00	0.00	0.00	9.00	75.00	18.00	15.00	15.00	20.00	7.00
16	7.00	7.00	3.00	0.00	0.00	5.00	75.00	18.00	15.00	9.00	20.00	7.00
17	7.00	7.00	8.00	0.00	0.00	15.00	80.00	13.00	15.00	9.00	20.00	7.00
18	7.00	7.00	8.00	0.00	0.00	15.00	80.00	10.00	15.00	9.00	20.00	7.00
19	7.00	7.00	5.00	0.00	0.00	0.00	80.00	10.00	15.00	9.00	0.00	7.00
20	7.00	7.00	0.00	0.00	0.00	15.00	80.00	10.00	0.00	9.00	0.00	7.00
21	7.00	7.00	0.00	0.00	0.00	20.00	70.00	11.00	0.00	9.00	0.00	7.00
22	7.00	7.00	0.00	0.00	0.00	0.00	65.00	11.00	11.00	9.00	0.00	7.00
23	7.00	7.00	0.00	0.00	0.00	0.00	58.00	8.00	7.00	9.00	0.00	7.00
24	7.00	7.00	0.00	0.00	0.00	10.00	55.00	8.00	10.00	9.00	0.00	7.00
25	7.00	7.00	0.00	0.00	0.00	0.00	50.00	8.00	10.00	9.00	0.00	7.00
26	7.00	7.00	0.00	0.00	0.00	15.00	45.00	8.00	10.00	9.00	0.00	7.00
27	7.00	7.00	0.00	0.00	0.00	10.00	40.00	6.00	10.00	9.00	0.00	7.00
28	7.00	7.00	0.00	0.00	0.00	0.00	40.00	6.00	10.00	9.00	0.00	7.00
29	7.00	0.00	0.00	0.00	0.00	15.00	40.00	6.00	10.00	9.00	0.00	7.00
30	7.00	0.00	0.00	0.00	0.00	24.00	40.00	6.00	10.00	9.00	0.00	7.00
31	7.00	0.00	0.00	0.00	0.00	40.00	6.00	0.00	9.00	0.00	7.00	
Mean	7.00	7.00	2.29	0.00	1.32	8.60	39.94	16.39	8.20	12.45	8.10	8.74
Min	7.00	7.00	0.00	0.00	0.00	0.00	6.00	0.00	9.00	0.00	0.00	7.00
Max	7.00	7.00	8.00	0.00	21.00	24.00	80.00	43.00	15.00	27.00	20.00	16.00
Acft	430.41	388.76	140.83	0.00	81.32	511.74	2455.54	1007.60	487.93	765.62	481.98	537.52

Annual ACFT Total: 7289.26

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER HIGHLAND CANAL (SEC.19)

COMMON DESCRIPTION:

DIVERTING WORKS:

MEASURING DEVICE: 12 FOOT CONCRETE WEIR AND RECORDER

RECORDS RATING: Unrated

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	7.00	7.00	7.00	21.00	36.00	95.00	124.00	100.00	115.00	47.00	0.00	16.00
02	7.00	7.00	7.00	21.00	50.00	95.00	130.00	100.00	125.00	47.00	0.00	16.00
03	7.00	7.00	7.00	21.00	67.00	100.00	130.00	100.00	125.00	47.00	0.00	16.00
04	7.00	7.00	7.00	21.00	70.00	100.00	124.00	100.00	125.00	47.00	0.00	16.00
05	7.00	7.00	7.00	21.00	110.00	110.00	124.00	78.00	115.00	47.00	0.00	16.00
06	7.00	7.00	7.00	21.00	110.00	110.00	124.00	71.00	115.00	15.00	0.00	16.00
07	7.00	7.00	1.00	21.00	130.00	125.00	115.00	71.00	115.00	15.00	0.00	7.00
08	7.00	7.00	1.00	21.00	130.00	125.00	124.00	71.00	115.00	15.00	0.00	7.00
09	7.00	7.00	1.00	21.00	115.00	125.00	124.00	85.00	110.00	15.00	0.00	7.00
10	7.00	7.00	1.00	21.00	115.00	135.00	120.00	95.00	105.00	15.00	0.00	7.00
11	7.00	7.00	1.00	21.00	110.00	130.00	120.00	105.00	95.00	15.00	0.00	7.00
12	7.00	7.00	1.00	21.00	110.00	120.00	120.00	110.00	85.00	15.00	0.00	7.00
13	7.00	7.00	1.00	21.00	110.00	120.00	115.00	110.00	75.00	15.00	0.00	7.00
14	7.00	7.00	1.00	21.00	105.00	120.00	115.00	120.00	60.00	15.00	0.00	7.00
15	7.00	7.00	1.00	21.00	105.00	115.00	115.00	130.00	60.00	15.00	0.00	7.00
16	7.00	7.00	4.00	21.00	100.00	100.00	115.00	130.00	45.00	9.00	0.00	7.00
17	7.00	7.00	9.00	21.00	110.00	100.00	120.00	130.00	30.00	9.00	0.00	7.00
18	7.00	7.00	9.00	27.00	85.00	100.00	120.00	135.00	30.00	9.00	0.00	7.00
19	7.00	7.00	6.00	27.00	30.00	90.00	120.00	135.00	30.00	9.00	0.00	7.00
20	7.00	7.00	2.00	40.00	30.00	100.00	120.00	135.00	25.00	9.00	0.00	7.00
21	7.00	7.00	2.00	40.00	63.00	90.00	125.00	135.00	25.00	9.00	0.00	7.00
22	7.00	7.00	2.00	60.00	63.00	75.00	125.00	135.00	45.00	9.00	0.00	7.00
23	7.00	7.00	2.00	60.00	63.00	75.00	115.00	133.00	45.00	9.00	0.00	7.00
24	7.00	7.00	2.00	36.00	63.00	85.00	110.00	133.00	35.00	9.00	0.00	7.00
25	7.00	7.00	2.00	24.00	63.00	100.00	110.00	133.00	35.00	9.00	0.00	7.00
26	7.00	7.00	8.00	40.00	63.00	115.00	100.00	131.00	35.00	9.00	0.00	7.00
27	7.00	7.00	8.00	54.00	80.00	110.00	100.00	131.00	35.00	9.00	0.00	7.00
28	7.00	7.00	8.00	60.00	80.00	100.00	100.00	131.00	35.00	9.00	0.00	7.00
29	7.00		8.00	50.00	80.00	115.00	90.00	129.00	35.00	9.00	0.00	7.00
30	7.00		8.00	40.00	95.00	124.00	90.00	129.00	35.00	9.00	0.00	7.00
31	7.00		8.00		95.00		90.00	129.00		9.00		7.00
Mean	7.00	7.00	4.48	30.50	85.03	106.80	115.29	114.84	68.67	17.06	0.00	8.74
Min	7.00	7.00	1.00	21.00	30.00	75.00	90.00	71.00	25.00	9.00	0.00	7.00
Max	7.00	7.00	9.00	60.00	130.00	135.00	130.00	135.00	125.00	47.00	0.00	16.00
Acft	430.41	388.76	275.70	1814.88	5228.43	6355.04	7088.93	7061.16	4085.95	1049.26	0.00	537.52

Annual ACFT Total: 34316.03

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER OLD FIELD CANAL

COMMON DESCRIPTION: East of Gunnison, Utah  
 DIVERTING WORKS: elevated dam & concrete metal outlet works  
 MEASURING DEVICE: 12' parshall flume & continuous rec.  
 RECORDS RATING: Unrated

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	1.00	1.00	1.00	10.00	18.00	18.00	16.00	24.00	26.00	11.00	0.00	10.00
02	1.00	1.00	1.00	10.00	18.00	18.00	20.00	22.00	27.00	7.00	0.00	10.00
03	1.00	1.00	1.00	10.00	18.00	18.00	20.00	22.00	25.00	7.00	0.00	10.00
04	1.00	1.00	1.00	10.00	18.00	18.00	20.00	22.00	23.00	5.00	0.00	10.00
05	1.00	1.00	1.00	10.00	18.00	20.00	20.00	22.00	23.00	5.00	0.00	10.00
06	1.00	1.00	1.00	9.00	18.00	20.00	20.00	22.00	23.00	3.00	0.00	10.00
07	1.00	1.00	1.00	9.00	18.00	24.00	20.00	22.00	23.00	3.00	0.00	3.00
08	1.00	1.00	1.00	9.00	18.00	24.00	20.00	22.00	23.00	3.00	0.00	3.00
09	1.00	1.00	1.00	9.00	18.00	26.00	20.00	24.00	21.00	1.00	0.00	3.00
10	1.00	1.00	1.00	9.00	18.00	26.00	16.00	24.00	21.00	1.00	9.00	3.00
11	1.00	1.00	1.00	9.00	18.00	28.00	16.00	24.00	21.00	1.00	9.00	3.00
12	1.00	1.00	1.00	9.00	18.00	28.00	16.00	22.00	18.00	1.00	9.00	3.00
13	1.00	1.00	1.00	9.00	22.00	28.00	16.00	22.00	16.00	1.00	9.00	3.00
14	1.00	1.00	1.00	9.00	22.00	24.00	16.00	24.00	13.00	1.00	9.00	3.00
15	1.00	1.00	1.00	9.00	22.00	22.00	20.00	24.00	13.00	1.00	9.00	3.00
16	1.00	1.00	1.00	9.00	22.00	22.00	20.00	24.00	13.00	1.00	9.00	3.00
17	0.00	1.00	1.00	10.00	22.00	22.00	20.00	24.00	4.00	1.00	9.00	3.00
18	0.00	1.00	1.00	10.00	22.00	22.00	20.00	24.00	4.00	1.00	9.00	3.00
19	0.00	1.00	1.00	10.00	18.00	22.00	20.00	24.00	4.00	1.00	9.00	3.00
20	1.00	1.00	1.00	10.00	13.00	19.00	20.00	24.00	4.00	1.00	9.00	3.00
21	1.00	1.00	1.00	10.00	13.00	12.00	24.00	24.00	4.00	1.00	9.00	3.00
22	1.00	1.00	1.00	10.00	13.00	12.00	28.00	24.00	7.00	1.00	9.00	3.00
23	1.00	1.00	1.00	10.00	13.00	12.00	28.00	24.00	7.00	1.00	9.00	3.00
24	1.00	1.00	1.00	10.00	13.00	12.00	28.00	26.00	11.00	1.00	9.00	3.00
25	1.00	1.00	1.00	10.00	13.00	16.00	28.00	26.00	11.00	1.00	9.00	3.00
26	1.00	1.00	1.00	12.00	13.00	16.00	30.00	26.00	11.00	1.00	9.00	3.00
27	1.00	1.00	1.00	14.00	13.00	16.00	30.00	26.00	11.00	1.00	9.00	3.00
28	1.00	1.00	1.00	14.00	18.00	16.00	30.00	26.00	11.00	1.00	9.00	3.00
29	1.00		1.00	14.00	18.00	16.00	30.00	26.00	11.00	1.00	9.00	3.00
30	1.00		1.00	14.00	18.00	16.00	30.00	26.00	11.00	1.00	9.00	3.00
31	1.00		1.00		18.00		30.00	26.00		1.00		3.00
Mean	0.90	1.00	1.00	10.23	17.48	19.77	22.32	23.94	14.67	2.16	6.30	4.35
Min	0.00	1.00	1.00	9.00	13.00	12.00	16.00	22.00	4.00	1.00	0.00	3.00
Max	1.00	1.00	1.00	14.00	22.00	28.00	30.00	26.00	27.00	11.00	9.00	10.00
Acft	55.54	55.54	61.49	608.93	1075.04	1176.20	1372.56	1471.74	872.73	132.89	374.88	267.77

Annual ACFT Total: 7525.29

Utah Division of Water Rights  
Distribution System Daily Records

LOWER SAN PITCH RIVER SAN PITCH RIVER BELOW OLD FIELD CANAL

COMMON DESCRIPTION:

DIVERTING WORKS:

MEASURING DEVICE:

RECORDS RATING: Unrated

GAGING STATION MOVED MAY 1994

CALENDAR YEAR 2011 Mean daily discharge in CFS

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	18.0	16.0	20.0	53.0	140.0	750.0	2800.0	20.0	0.0	10.0	23.0	4.0
02	18.0	16.0	25.0	53.0	160.0	750.0	2600.0	15.0	0.0	9.0	23.0	4.0
03	18.0	16.0	25.0	53.0	180.0	750.0	2600.0	5.0	0.0	9.0	23.0	4.0
04	18.0	16.0	25.0	60.0	200.0	800.0	2500.0	10.0	0.0	9.0	23.0	4.0
05	18.0	16.0	25.0	70.0	240.0	800.0	2500.0	15.0	0.0	9.0	23.0	4.0
06	18.0	16.0	25.0	75.0	300.0	1000.0	2300.0	25.0	0.0	35.0	23.0	4.0
07	18.0	16.0	25.0	80.0	420.0	1200.0	2300.0	25.0	0.0	20.0	23.0	20.0
08	18.0	16.0	25.0	22.0	330.0	1400.0	2200.0	15.0	0.0	9.0	23.0	20.0
09	18.0	16.0	30.0	22.0	300.0	1600.0	2200.0	10.0	0.0	9.0	23.0	20.0
10	18.0	16.0	30.0	22.0	250.0	1800.0	2100.0	0.0	0.0	9.0	5.0	20.0
11	18.0	16.0	30.0	22.0	220.0	1900.0	2000.0	0.0	0.0	9.0	5.0	60.0
12	18.0	16.0	30.0	22.0	220.0	2000.0	1800.0	0.0	2.0	9.0	5.0	60.0
13	18.0	16.0	30.0	22.0	200.0	2200.0	1400.0	0.0	4.0	9.0	5.0	60.0
14	18.0	16.0	30.0	140.0	300.0	2400.0	1200.0	0.0	6.0	9.0	5.0	60.0
15	18.0	16.0	30.0	300.0	680.0	2800.0	800.0	0.0	6.0	9.0	5.0	70.0
16	18.0	16.0	50.0	300.0	460.0	3200.0	750.0	0.0	6.0	9.0	5.0	70.0
17	16.0	16.0	250.0	300.0	450.0	3080.0	700.0	0.0	15.0	9.0	5.0	70.0
18	16.0	16.0	300.0	280.0	400.0	2900.0	600.0	0.0	15.0	9.0	5.0	70.0
19	16.0	16.0	300.0	260.0	400.0	3000.0	500.0	0.0	15.0	9.0	15.0	70.0
20	16.0	16.0	300.0	320.0	400.0	3000.0	400.0	0.0	15.0	9.0	15.0	70.0
21	16.0	20.0	300.0	450.0	500.0	2900.0	300.0	0.0	15.0	9.0	20.0	70.0
22	16.0	20.0	260.0	400.0	550.0	3100.0	100.0	0.0	15.0	9.0	20.0	80.0
23	16.0	20.0	260.0	350.0	580.0	3200.0	60.0	0.0	15.0	9.0	20.0	80.0
24	16.0	20.0	260.0	310.0	620.0	3200.0	25.0	0.0	15.0	9.0	20.0	80.0
25	16.0	20.0	260.0	270.0	640.0	3300.0	0.0	0.0	15.0	9.0	20.0	80.0
26	16.0	20.0	260.0	240.0	660.0	3200.0	0.0	0.0	15.0	9.0	20.0	80.0
27	16.0	20.0	220.0	220.0	680.0	3100.0	0.0	0.0	15.0	9.0	5.0	80.0
28	16.0	20.0	150.0	200.0	700.0	2800.0	0.0	0.0	15.0	9.0	5.0	80.0
29	16.0		35.0	140.0	740.0	2900.0	0.0	0.0	15.0	9.0	5.0	80.0
30	16.0		35.0	120.0	740.0	2900.0	0.0	0.0	15.0	9.0	5.0	80.0
31	16.0		35.0		740.0		0.0	0.0		9.0		80.0
Mean	17.0	17.1	118.7	172.5	432.3	2264.3	1120.5	4.5	7.8	10.2	14.1	52.7
Min	16.0	16.0	20.0	22.0	140.0	750.0	0.0	0.0	0.0	9.0	5.0	4.0
Max	18.0	20.0	300.0	450.0	740.0	3300.0	2800.0	25.0	15.0	35.0	23.0	80.0
Acft	1047.3	952.1	7299.2	10266.4	26578.5	134737.2	68895.9	277.7	464.1	628.8	837.0	3241.0

Annual ACFT Total: 255225.1